

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

Date of mailing (day/month/year) 16 May 2001 (16.05.01)	
International application No. PCT/US00/26062	Applicant's or agent's file reference RCA 89762
International filing date (day/month/year) 22 September 2000 (22.09.00)	Priority date (day/month/year) 22 September 1999 (22.09.99)
Applicant HALL, Edward, Allen et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:04 April 2001 (04.04.01)☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not.

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b):

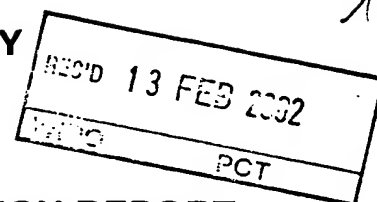
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Juan Cruz Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)





Applicant's or agent's file reference RCA 89762	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/26062	International filing date (day/month/year) 22/09/2000	Priority date (day/month/year) 22/09/1999
International Patent Classification (IPC) or national classification and IPC H03J1/00		
Applicant THOMSON LICENSING S.A et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☒ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 04/04/2001	Date of completion of this report 11.02.2002
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Van der Zee, C Telephone No. +49 89 2399 2441 

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US00/26062

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, pages:

1-12 as originally filed

Claims, No.:

1-24 as originally filed

Drawings, sheets:

1/5-5/5 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/26062

☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.

☒ claims Nos. 17-20.

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):

☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 17-20 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for the said claims Nos. .

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the standard.

☐ the computer readable form has not been furnished or does not comply with the standard.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/26062

	No:	Claims	1-16,21-24
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-16,21-24
Industrial applicability (IA)	Yes:	Claims	1-16,21-24
	No:	Claims	

2. Citations and explanations
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US00/26062

1. Claim 1 has a wide scope and the claimed tuner is, consequently, generally known. As an example, US-A-5 678 211 (D1), figure 1, already discloses a tuner section comprising a phase-locked loop (28) and a non-volatile memory (42) that stores alignment data. See column 2 lines 27-29. This is the wording of claim 1, which thus does not meet the requirement of Article 33(2) PCT.
2. As another example, the article by DeVille (D2) entails the same non-compliance.
3. Independent claim 15 claims a television receiver which might be seen to differ from the television receiver disclosed in D1 in that there is a further ("first") non-volatile memory. This difference, if it is one (Article 33(2) PCT, does not involve any inventive step, Article 33(3) PCT. In the receiver known from or implied by D1 a further non-volatile memory will be present as some separately identifiable portion of a non-volatile memory, as a store for the usual user preferences (starting sound level, etc.).
4. Independent claim 17 claims a "system for tuning a ... signal". The claim does not comply with the requirement of clarity, Article 6 PCT. A system for tuning will usually be interpreted as being a single unit separate from any television, used at the end of a production process for controlling and tuning every successive television set leaving the production line. Yet the description only describes portions of a television set. This invites diverging interpretations as to the exact scope of the claim, which thus is seriously unclear.
5. Independent claim 21 claims a television receiver comprising a tuner module having a memory unit containing alignment data. The application itself acknowledges this to be known with the exception of the memory unit not being in the tuner module. It is said to be known to have the memory unit outside the tuner module itself and to have it somewhere the rest of the receiver. If such prior art is indeed known, however, it surely had a precursor where the memory unit was in the tuner module, because alignment data are immediately relevant to the tuner and would be expected to be stored there, except for some less obvious reasons.
6. The dependent claims and the description comprise only well-known trivialities.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference RCA 89762	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/ 26062	International filing date (day/month/year) 22/09/2000	(Earliest) Priority Date (day/month/year) 22/09/1999
Applicant THOMSON LICENSING S.A		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

1a



None of the figures.

International Application No

POSS 00/26062

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03J H03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 678 211 A (BADGER DAVID MARK) 14 October 1997 (1997-10-14) cited in the application column 2, line 1 - line 38 ---	1,2,4,5, 9,17,21
X	DEVILLE Y: "AN AUTOMATIC TV TUNER ALIGNMENT SYSTEM" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS,US,IEEE INC. NEW YORK, vol. 41, no. 4, 1 November 1995 (1995-11-01), pages 1050-1060, XP000553481 ISSN: 0098-3063 page 1052, paragraph 3.1 -page 1053, line 5 --- -/--	1,3,4,21

X Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

19 June 2001

Date of mailing of the international search report

28/06/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Peeters, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/26062

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 389 183 A (THOMSON CONSUMER ELECTRONICS) 26 September 1990 (1990-09-26) column 7, line 19 - line 27 column 7, line 42 - line 43 ---	3,20,23, 24
A	EP 0 457 932 A (SIEMENS AG) 27 November 1991 (1991-11-27) column 6, line 39 - line 44 ---	6
A	US 4 510 623 A (BONNEAU PAUL ET AL) 9 April 1985 (1985-04-09) column 4, line 14 - line 17 ---	10,14
A	US 5 737 035 A (ROTZOLL ROBERT RUDOLF) 7 April 1998 (1998-04-07) column 3, line 59 - line 61 -----	19,23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/26062

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5678211	A	14-10-1997	CA 2117255 A DE 69328415 D DE 69328415 T EP 0610495 A JP 3016862 B JP 7500718 T WO 9406208 A	17-03-1994 25-05-2000 07-09-2000 17-08-1994 06-03-2000 19-01-1995 17-03-1994
EP 0389183	A	26-09-1990	US 5144441 A AT 145102 T CA 2009603 A CN 1045903 A, B DE 69029047 D DE 69029047 T DK 75090 A ES 2095856 T FI 101844 B JP 2285724 A JP 2993512 B KR 188243 B SG 66229 A	01-09-1992 15-11-1996 23-09-1990 03-10-1990 12-12-1996 27-03-1997 24-09-1990 01-03-1997 31-08-1998 26-11-1990 20-12-1999 01-06-1999 20-07-1999
EP 0457932	A	27-11-1991	AT 126412 T DE 59009512 D ES 2075089 T FI 912441 A JP 4230114 A LT 1565 A, B LV 10988 A LV 10988 B PL 165175 B SI 9110468 A RU 2077115 C TR 25666 A US 5204645 A	15-08-1995 14-09-1995 01-10-1995 22-11-1991 19-08-1992 26-06-1995 20-12-1995 20-04-1996 30-11-1994 29-02-1996 10-04-1997 01-07-1993 20-04-1993
US 4510623	A	09-04-1985	NONE	
US 5737035	A	07-04-1998	NONE	

FEB 6 2002

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

EXPRESS EL 90232 492 US

To:

TRIPOLI, Joseph.
THOMSON MULTIMEDIA LICENSING INC.
P.O. Box 5312
Princeton, New Jersey 08543
ETATS-UNIS D'AMERIQUE

KA/DF

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT
(PCT Rule 71.1)Date of mailing
(day/month/year) 11.02.2002Applicant's or agent's file reference
RCA 89762

IMPORTANT NOTIFICATION

International application No.
PCT/US00/26062International filing date (day/month/year)
22/09/2000Priority date (day/month/year)
22/09/1999Applicant
THOMSON LICENSING S.A et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.

2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.

3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Event

Oct.

Amend

Final

Country

Selection

Deadline

6 Feb 2002

Entered

DPT

2/6/02

Name and mailing address of the IPEA/

European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Röhner, M

Tel. +49 89 2399-2294





Form PCT/IPEA/416 (July 1992)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference RCA 89762		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/26062	International filing date (day/month/year) 22/09/2000	Priority date (day/month/year) 22/09/1999	
International Patent Classification (IPC) or national classification and IPC H03J1/00			
Applicant THOMSON LICENSING S.A et al.			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application 			
Date of submission of the demand 04/04/2001		Date of completion of this report 11.02.2002	
Name and mailing address of the International preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer Van der Zee, C Telephone No. +49 89 2399 2441 	

Form PCT/IPEA/409 (cover sheet) (January 1994)

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/26062

I. Basis of the report

1. With regard to the elements of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17):*

Description, pages:

1-12 as originally filed

Claims, No.:

1-24 as originally filed

Drawings, sheets:

1/5-5/5 as originally filed

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**International application No. **PCT/US00/26062**☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under Item 1 and annexed to this report.)

6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.☒ claims Nos. 17-20.

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 17-20 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.☐ no international search report has been established for the said claims Nos. .

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the standard.☐ the computer readable form has not been furnished or does not comply with the standard.**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)

Yes: Claims

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/26062

	No:	Claims	1-16,21-24
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-16,21-24
Industrial applicability (IA)	Yes:	Claims	1-16,21-24
	No:	Claims	

2. Citations and explanations
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US00/26062

1. Claim 1 has a wide scope and the claimed tuner is, consequently, generally known. As an example, US-A-5 678 211 (D1), figure 1, already discloses a tuner section comprising a phase-locked loop (28) and a non-volatile memory (42) that stores alignment data. See column 2 lines 27-29. This is the wording of claim 1, which thus does not meet the requirement of Article 33(2) PCT.
2. As another example, the article by DeVille (D2) entails the same non-compliance.
3. Independent claim 15 claims a television receiver which might be seen to differ from the television receiver disclosed in D1 in that there is a further ("first") non-volatile memory. This difference, if it is one (Article 33(2) PCT, does not involve any inventive step, Article 33(3) PCT. In the receiver known from or implied by D1 a further non-volatile memory will be present as some separately identifiable portion of a non-volatile memory, as a store for the usual user preferences (starting sound level, etc.).
4. Independent claim 17 claims a "system for tuning a ... signal". The claim does not comply with the requirement of clarity, Article 6 PCT. A system for tuning will usually be interpreted as being a single unit separate from any television, used at the end of a production process for controlling and tuning every successive television set leaving the production line. Yet the description only describes portions of a television set. This invites diverging interpretations as to the exact scope of the claim, which thus is seriously unclear.
5. Independent claim 21 claims a television receiver comprising a tuner module having a memory unit containing alignment data. The application itself acknowledges this to be known with the exception of the memory unit not being in the tuner module. It is said to be known to have the memory unit outside the tuner module itself and to have it somewhere the rest of the receiver. If such prior art is indeed known, however, it surely had a precursor where the memory unit was in the tuner module, because alignment data are immediately relevant to the tuner and would be expected to be stored there, except for some less obvious reasons.
6. The dependent claims and the description comprise only well-known trivialities.